

ACCESSION NR: AP3003607

S/0077/63/008/004/0284/0292

AUTHORS: Breydo, I. I.; Gavrilov, G. A.; Gurevich, S. B.; Markelova, A. A.

TITLE: Photographic noise and the signal/noise ratio of various photographic materials

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 8, no. 4, 1963, 284-292

TOPIC TAGS: photography, noise, photographic noise, signal/noise ratio, photographic material, MF-4 microphotometer, KMVL-1 quadratic millivoltmeter, M-95 microamperometer, Agfa photo plate, Ilford photo plate, photographic film, Mikrat film, Mikrat 200 film, Mikrat 300 film

ABSTRACT: This work was carried out in order to measure the intensity of noise and the signal/noise ratio of various photographic materials. It was assumed that noise intensity was related to the granularity of material, i.e., the number of the exposed grains in a uniformly illuminated section of the film. The experimental assembly consisted of a modernized MF-4 microphotometer, a KMVL-1 quadratic millivoltmeter, and a M-95 microamperometer. Agfa plates and Ilford plates used

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in astronomy and spectroscopy, and various types of films (including Mikrat films) were studied. It was established that: 1) the noise intensity showed a 3- to 4-fold variation during the transition from fine- to coarse-grained materials; 2) the strongest noise variation was observed in the negative materials; 3) noise intensity of fine-grained negative materials differed little from that of positive materials; 4) the signal/noise ratio at a given film-blackening density depended strongly on the intensity of the fog. For this reason some materials of equal granularity had different signal/noise ratios. Orig. art. has: 3 tables and 6 figures.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya AN SSSR (Main Astronomic Observatory AN SSSR); Fiziko-tekhnicheskii institut AN SSSR (Institute of Physics and Technology AN SSSR)

SUBMITTED: 23Jul62

DATE ACQ: 02Aug63

ENCL: 00

SUB CODE: PH

NO REF SOV: 006

OTHER: 008

Card 2/2

ACCESSION NR: AT4012208

S/2797/63/023/002/0167/0174

AUTHOR: Breydo, I. I.; Markelova A. A.; Firage, B. A.

TITLE: Increase in the sensitivity of photographic film by post-exposure for use in photographing artificial earth satellites.

SOURCE: Pulkovo. Astron. observ. Izvestiya, v. 23, no. 2(173), 1963, 167-174.

TOPIC TAGS: artificial earth satellite, satellite photography, photography, panchromatic film, post-exposure, film sensitivity, photographic image

ABSTRACT: Three highly sensitive panchromatic films were investigated in a study of the effectiveness of prolonged additional post-exposure following an initial exposure of about 0.01-0.05 second. The objective was to enhance the sensitivity of film used in photographing artificial earth satellites. The subcenters of the latent image formed during the brief initial exposure, that is, the particles of metallic silver too small for direct development, will increase to the critical size of latent image centers under the influence of the light of additional post-exposure. Additional uniform post-exposure of negatives by weak scattered light for 3 to 5 minutes yields an appreciable increase in the photographic effect. The effect is particularly great when the film is not developed to maximum γ .

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However, even satellite observation film developed almost to γ max is enhanced in sensitivity by 60-80%. The corresponding increase in maximum stellar magnitude of the observed satellite of $0^m.5-0^m.6$ is in many cases of great importance. The density of the background caused by the additional post-exposure should not exceed 0.1, and the contrast coefficient γ remains virtually unchanged. Orig. art. has: 2 figures and 9 tables.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya, Pulkovo (Main Astronomical Observatory)

SUBMITTED: 00

DATE ACQ: 27Feb64

ENCL: 00

SUB CODE: AS

NO REF SOV: 005

OTHER: 001

Card

2/2

MARKELOVA, A.G.

Some facts concerning the course of hypertension according to
polyclinic data. Sbor.nauch.-prak.rab.Poliklin.im.F.E.Dzerzh.
no.2:53-59 '61. (MIRA 16:4)

(HYPERTENSION)

MARKELOVA, A.G.

Case of stomach sarcoma in childhood. Sbor.nauch.-prak.rab.
Poliklin.im.F.E.Dzerzh. no.2160-63 '61. (MIRA 1614)
(STOMACH—CANCER)

LEYKINA, Ye.M.; TONGUR, V.S.; LIOZNER, L.D.; MARKELOVA, I.V.; RYABININA,
Z.A.; SIDOROVA, V.F.; KHARLOVA, G.V.

Nucleoproteins in a normal and regenerating liver. Biokhimiia
25 no.1:96-101 Ja-F '60. (MIRA 13:6)

1. Institute of Experimental Biology, Academy of Medical Sciences
of the U.S.S.R., Moscow.
(LIVER metab.)
(NUCLEOPROTEINS metab.)

MARKELOVA, I.V.

Daily rhythm of the mitotic activity of the exocrine epithelium
of the rat pancreas. Biul. eksp. biol. i med. 53 no. 6: 74-77 Je '62.

(MIRA 15:10)

1. Iz laboratorii gistofiziologii (zav. - kand. biologicheskikh
nauk V.N. Dobrokhotov) Instituta eksperimental'noy biologii AMN
SSSR (dir. prof. I.N. Mayskiy), Moskva. Predstavlena deystvitel'ny
chlenom AMN SSSR N.A. Krayevskim.

(KARYOKINESIS) (PANCREAS) (PERIODICITY)

MARKELOVA, I.V.

Mitotic activity of mammary gland epithelium of mice
after the excision of a large portion of the mammary gland
tissue. Biul. eksp. biol. i med. 54 no.12:84-89 D'62.
(MIRA 1486)

1. Iz laboratorii gistofiziologii (zav. - kand. biol.
gicheskikh nauk V.N.Dobrokhotoy) Instituta eksperimental'-
noy Biologii (dir. - prof. I.N.Mayskiy) AMN SSSR, Moskva.
Predstavlena deystvitel'nyy chlenom AMN SSSR L.M.Shabadom.
(KARYOKINESIS) (EPITHELIUM)
(MAMMARY GLANDS)

DOBROKHOTOV, V.N.; MARKELOVA, I.V., SOKOLOVA, L.V., TIMASHKEVICH T.V.;
NIKANOROVA, R.I.; KURDYUMOVA, A.G.

Effect of sarkolysine on the 24-hour periodicity of mitoses in
some tissues of white rats. Biul. eksp. biol. i med. 57 no.3:
97-102 Mr '64.

(MIRA 17:11)

1. Laboratoriya gistofiziologii (zav. - kand. biol. nauk V.N.
Dobrokhotov) Instituta eksperimental'noy biologii (dir. - prof.
I.N. Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'ny
chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

DOBROKHOTOV, V.N.; MARKELOVA, I.V.; SOKOLOVA, L.V.; TIMASHKEVICH, T.B.;
NIKANOROVA, R.I.; KURDYUMOVA, A.G.

Effect of the time of injection of sarcolysine on the change in
the mitotic activity of the tissues of white rats. Trudy MOIP.
Otd. biol. 11:165-185 '64. (MIRA 18:1)

1. Laboratoriya gistofiziologii Instituta eksperimental'noy
biologii AMN SSSR.

MARKELOVA, I.V.

Change in the mitotic activity and relative size of the apical and basal zones of exocrine cells of the rat pancreas after feeding. Trudy MOIP. Otd. biol. 11:186-199 '64. (MIRA 18:1)

1. Laboratoriya gistofiziologii Instituta eksperimental'noy biologii AMN SSSR.

MARZENKO, O.V.; MARCHKOVA, K.I.

Results of studying radiation errors of the RKZ radiosonde
with an MMT-6 thermistor under flight conditions. Trudy
TSAO no.67:24-30 '65. (MIRA 19:1)

MARKELOVA, L.V.

TARKHOV, N.A., inzhener; MARKELOVA, L.V., inzhener; RAKHMANOV, A.D., inzhener;
VIKENT'YEV, V.V., inzhener

Practices in the design and use of metal electrode manufacturing equipment. Svar. proizv. no.10:16-22 0'55. (MLRA 8:12)

1. Opytnyy svarochnyy zavod Tsentral'no nauchno-issledovatel'skogo instituta Ministerstva putey soobshcheniya
(Electrodes)

PISHCHAGINA, L.A.; DOLGOV, Ye.G.; KARAMENDIN, I.I.; MARKELOVA, N.M.

Mass medical examination of workers on state ~~stock~~breeding farms.
Zdrav. Kazakh. 21 no.5:3-5 '61. (MIRA 15:2)

1. I: Semipalatinskogo meditsinskogo instituta.
(AGRICULTURAL WORKERS—DISEASES AND HYGIENE)
(MEDICAL SCREENING)

GOLUTVINA, M.M.; KAZAKOVA, T.A.; NIKOLAYEV, Yu.M.; MARKELOVA, N.V.

New rapid method for determining the content of Sr^{90} in the
bones. Med.rad. no.1:62-67 '62. (MIRA 15:1)
(BONES) (STRONTIUM—ISOTOPES)

MARKELOVA, T.K.

Suture material and its sterilization. Zdrav. Turk. 7. no.4:
47-48 Ap'63. (MIRA 16:6)

1. Starshaya operatsionnaya sestra 2-go khirurgicheskogo ot-
deleniya Turkmenskoy respublikanskoy klinicheskoy bol'nitsy
imeni N.I.Pirogova.
(SUTURES—STERILIZATION)

MARKELOVA, T.K.

Care of patients with thyrotoxic goiter before and after a
strumectomy. Zdrav. Turk. 8 no.2845-46 F'64

(MIRA 17:4)

1. Starshaya operatsionnaya sestra 2-go khirurgicheskogo ot-
deleniya Turkmenskoy respublikanskoy klinicheskoy bol'nitsy.

USHAKOV, S.N.; TRUKHMANOVA, L.B.; DROZDOVA, E.V.; MARKELOVA, T.M.

Synthesis of paraaminosalicyl ester of polyvinyl alcohol.
Dokl. AN SSSR 141 no.5:1117-1119 D '61. (MIRA 14:12)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. 2. Chlen-
korrespondent AN SSSR (for Ushakov).
(Salicylic acid)
(Vinyl alcohol polymers)

TRUKHMANOVA, L.B.; USHAKOV, S.N.; MARKELOVA, T.M.

Synthesis of water-soluble copolymers of vinyl alcohol with
its diacetyl-p-aminosalicylic ester. Vysokom. soed. 6 no.7:
1346-1349 J1 '64 (MIRA 18:2)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

AUTHOR TELPOV, I.B., JUR'EV, B.A., MARKELOVA, T.N. PA - 2036
 TITLE The Angular Distribution of the Products of the Reaction $S^{32}(d,p)S^{33}$.
 (Russian)
 PERIODICAL Zhurnal Eksperimental'noi i Teoret.Fiziki, 1957, Vol 32, Nr 1,
 pp 165-166 (U.S.S.R.)
 Received 3/1957 Reviewed 3/1957
 ABSTRACT At present the reactions of the type (d,p) have already been investigated for many isotopes of light nuclei. However, in the case of most of the investigated nuclei (with the exception of the very lightest) experiments were carried out only at a value of the energy of the inciding particles. At the same time the investigation of the form of the angular distributions of the products of such reactions at different energy values of the impinging deuterons is of interest for the more precise description of the theory of the stripping reaction. Therefore the authors determined the angular distributions of these protons which are produced on the occasion of the reaction $S^{32}(d,p)S^{33}$ at deuteron energies of 1,8 and 3,8 MeV. The electrons accelerated with a 72 cm cyclotron bombarded a sulphur target (of 1 micron thickness) which was applied to leaf-gold. The protons produced in connection with the reaction were recorded by nuclear plates.
 Angular distributions were determined for two groups of protons p_0 and p_1 , which correspond to the creation of a nucleus (in the end

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PA - 2036

The Angular Distribution of the Products of the Reaction $S^{38}(d,p)S^{33}$.

state, in the ground state, and in the first excited state). The experimental results obtained by the authors are shown in diagrams. For reasons of comparison these diagrams contain also the corresponding theoretical curves.

The theoretical curves determine the position of the main maximum (i.e. of the maximum in the case of small angles) well in the angular distribution of the proton group p_1 .

In the angular distribution of the group p_0 the experimentally found maximum was somewhat broader than the maximum computed theoretically, and besides it is displaced in the direction of smaller angles. This broadening of the peak and its displacement are considerably more marked in the case of a deuteron energy of 1,8 MeV than for 3,8 MeV.

A characteristic peculiarity of the angular distributions obtained here is the existence of comparatively high maxima. These secondary maxima increase with a decrease of the energy of the incident deuterons. Also in the angular distribution for the group p_1 something similar may be observed.

When explaining the peculiarities of the experimental angular distributions obtained here, it is necessary to take also Coulomb's interaction into account, because the effective Coulomb barrier of the S^{38} nucleus amounts to 5,1 MeV for deuterons. However, con-

Card 2/3

PA - 2036

The Angular Distribution of the Products of the Reaction $S^{32}(d,p)S^{33}$.

sideration of Coulomb interaction displaces the main maximum towards larger angles and causes no noticeably secondary maxima. Better agreement is apparently obtained if not only Coulomb's interaction but also nuclear interaction of the emitted proton with the remaining nucleus is taken into account.

ASSOCIATION Moscow State University

PRESENTED BY

SUBMITTED

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Card 3/3

L 2759-66 EWT(d)/FSS-2/EWT(1)/FS(v)-3/EEC(k)-2/FCC/EWA(d)/EWA(h) AST/TT/GH
 UR/0203/65/005/008/6749/0751
 ACCESSION NR: AP5021003 523.165

AUTHOR: Savenko, I. A.; Savin, B. I.; Mel'nikov, V. V.; Shavrin, P. I.;
Merkelova, T. N.

TITLE: Study of 1-kev charged particle streams by Kosmos-15

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 4, 1965, 749-751

TOPIC TAGS: charged particle measurement, satellite/Kosmos 15

ABSTRACT: A spherical electrostatic analyzer, adjusted to 1-kev electron energies and containing a +12 v grid at its opening to protect the instrument compartment from positive ion bombardment, was installed on "Kosmos-15", launched 22 April 1963. The analyzer's maximum sensitivity was 20 mv, which corresponded to $\sim 1.2 \cdot 10^7$ particles/cm² sec kev. The measurement program included four stages, the first two stages consisting in recording 1-kev electrons, the third stage — 1-kev positive ions, while during the fourth stage the spheres made contact with the satellite body. The cycle was thereafter repeated. Measurement results (see Fig. 1 of Enclosure) indicated the presence of two maxima at identical latitudes on either side

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ACCESSION NR: AP5021003

of the equator, where the daily shift of these maxima exhibited a motion toward the north. Orig. art. has: 3 figures. [WC]

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta
(Institute of Nuclear Physics, Moscow State University)

SUBMITTED: 05Oct64

ENCL: 01

SUB CODE: ES, NP

NO REF SOV: 003

OTHER: 000

ATD PRESS: 4402

Card 2/3

L 2759-66

ACCESSION NR: AP5021003

ENCLOSURE: 01

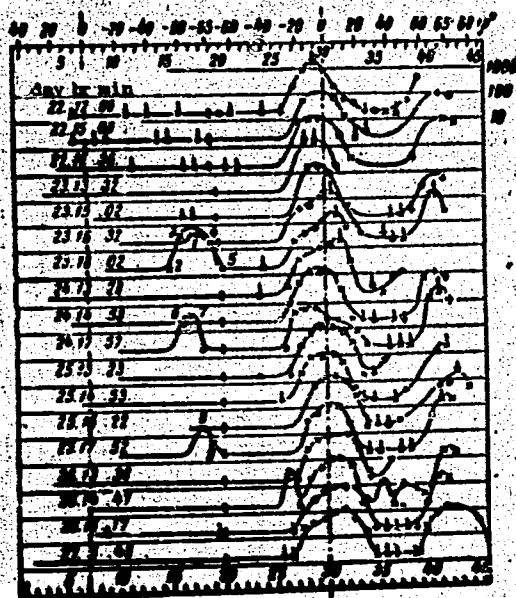


Fig. 1. Measurement results for first few days of flight

Column at left indicates date and time of passage over night equator on a given orbit. Vertical scale indicates difference in potentials on storage capacitor in mv

ϕ° - Geographical latitude;
 + - electron measurement;
 x - positive ion measurement;
 o - absence of field.

Card 3/3 *mer*

MARKELOVA, V. F.

Markelova, V. F. -- "Synthesis of Amides and Hydroxamic Acids in the Cardiac Muscle." First Moscow Order of Lenin Medical Inst, Moscow, 1955 (Dissertation for Degree of Doctor of Medical Sciences.)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun. 55, pp 87-104

MARKelova, V. F.

✓ Synthesis of glutamine in heart muscles. S. R. Mardashev and V. F. Markelova (1st Moscow Med. Inst.). *Ukrain. Biokhim. Zhur.* 27, 248-54 (1956) (in Russian).
HD Male rabbits were decapitated and their hearts removed and stored in ice. The pericardial tissue and large blood vessels were removed, the residue cut into small pieces, macerated in a phosphate buffer of pH 7.4 at 0°, and homogenized for 4 min. in a Waring Blender. The final homogenate contained not less than 300 mg. of crude muscle tissue per ml. The sarcosomes synthesized glutamine by the process of glutamic acid amidization. The addition of adenosine triphosphate to the isolated sarcosomes raised the glutamine synthesizing activity to a degree equal to that of the original homogenate. The nuclear fraction and supernatant fluid were free from the enzymic system synthesizing glutamine.
B. S. Levine

- Chem Biochemistry

①

MARKELOVA-V.F.

The synthesis of glutamohydroxamic acid in the muscles of the heart. V. F. Markelova (1st Moscow Med. Inst.), *Biokhimiya* 20, 810-13 (1955).—Rabbits were killed and their hearts rapidly removed and placed on ice. The pericardium and the large vessels were removed, and the heart muscles washed with pH 7.4 phosphate buffer soln., comminuted, homogenized, and fraction-centrifuged into (1) a fraction of nuclei, contg. monofibrillar and tissue fragments; (2) a fraction of sarcosomes; and (3) the supernatant fluid. Hydroxamic acid was detd. by the method of Lipmann and Tuttle (*C.A.* 39, 5210⁹). Exptl. tests (3 ml.) contained the heart-muscle homogenate or one of the centrifugofractions, glutamine and hydroxylamine, Mg^{++} or Mn^{++} , and adenosinetriphosphate (ATP). Control tests contained the boiled inactivated homogenate or the centrifugofractions. Both sets of tests were incubated in a Warburg app. at 37° for 1 hr. with shaking. To each tube was then added 1 ml. $NHCl$, 12% CCl_3CO_2H , and 5% $FeCl_3$ in 0.01N HCl , the soln. was filtered, and photometric detns. were made and compared with those of the controls, which were first appropriately treated as described in the text. Lipmann-Tuttle standards were used. A transferase, which activates the synthesis of hydroxamic acid from glutamine and hydroxylamine, exists in the heart muscle of the rabbit. This enzyme was found in the supernatant fraction of the heart-muscle homogenate. The synthesis takes place only in the presence of Mn^{++} or of Mg^{++} ions, the former being most effective. The synthesis progresses with the same intensity under aerobic or anaerobic conditions. The addn. of ATP is of no benefit. B. S. Loxing

USSR/Human and Animal Physiology (Normal and Pathological)
Blood, Blood Diseases.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26493

Author : Markelova, V.F.

Inst : -

Title : The Amount of Vitamin D₁₂ in the Blood of Dogs in Anemias Induced by Formation of a Small Ventricle According to Klementsevich-Heidenheim.

Orig Pub : Byul. eksperim. biol. i med., 1958, 45, No 1, 32-38

Abstract : In 3 dogs (D) 40-60 days after surgery of formation of a small ventricle, the amount of Hb decreased on the average by 11.8%, erythrocytes (E) by 1,180,000; the number of leucocytes (L) increased by 3000. The content of vitamin D₁₂ in the blood of two D did not decrease, in the third it decreased by 3.2 times (in it a considerable irritation of skin with gastric juice was observed). To all D, 15 gamma of D₁₂ was introduced on the 3rd day for

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USSR/Human and Animal Physiology (Normal and Pathological)
Blood. Blood Diseases.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26493

the duration of 4 weeks. After the first two introductions, in the control D the amount of Hb and E increased and was sustained at this level for 4-6 days; in D which underwent surgery (except in 1 sick D) the amount of Hb and E also increased but did not reach preoperative level. The return to the original level was twice observed in them later than in those in the control. This is, apparently, explained by a disturbance of the process of deposition and utilization of D₁₂. After partial denervation of the stomach in D after 40-60 days, insignificant hyperchronic anemia appeared, which was not accompanied by decrease of D₁₂ content in blood. Apparently, the development of anemia in this case does not depend on disturbance of D₁₂ assimilation. -- E.R. Paley

Card 2/2

MARKELOVA, V.F.

Effect of denervation of the spleen on the quantity of vitamin B₁₂
in the blood serum of dogs. Biul. eksp. biol. i med. 49 no.2:41-
15 P '60. (MIRA 14:5)

1. Iz laboratorii obshchey fiziologii Instituta normal'noy i
patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR.
V.N.Chernigovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym
chlenom AMN SSSR V.N.Chernigovskim.
(CYANOCOBALAMINE) (SPLEEN--INNERVATION)

MARKELOVA, V.F.; UGOLEV, A.M.

Participation of carotid chemoreceptors in the regulation of the
blood sugar level. Biul. eksp.biol.i med. 50 no.9:24-28 S '60.
(MIRA 13:11)

1. Iz laboratorii obshchey fiziologii (rukovoditel' - deystvitel'nyy
chlen AMN SSSR V.N. Chernigovskiy Instituta normal'noy i patologiche-
skoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.N.
Chernigovskiy) AMN SSSR, Moskva.
(BLOOD SUGAR) (CAROTID BODY--INNERVATION)

MARKELOVA, V. F., kand. med. nauk

Protein fractions of the blood serum in patients with cancer
of the larynx. Vest. otorin. no.1:72-76 '62. (MIRA 15:7)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta
ukha, gorla i nosa (dir. - prof. N. A. Bobrovskiy) Ministerstva
zdravookhraneniya RSFSR, Moskva.

(LARYNX---CANCER) (BLOOD PROTEINS)

MARKELOVA, V.F., dotsent

Dynamics of the distribution of C^{14} -tagged aspartic acid
throughout the organs and tissues of rats. Trudy TSIU 71:
163-169 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov)
TSentral'nogo instituta usovershenstvovaniya vrachey.

MARKELOVA, V. P. Cand Agr Sci -- (diss) "The rose-family, early-frost, and other
types of leaf-rollers as pests of fruit-and-berry crops, and the development of
chemical means for combatting them under conditions of Leningradskaya Oblast."
Len, 1957. 16 pp (Min of Agr USSR. Len Agr Inst), 100 copies (KL, 3-58, 98)

-40-

MARKELOVA, V.P

USSR/General and Special Zoology. Insects. Injurious In- P
sects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49682

Author : Markelova V.P.

Inst : -

Title : The Leaf-Roller Exapate oongelatella Cl.

Orig Pub : Zashchita rast. ot vredit. i bolezney, 1957, No 4,
36-37

Abstract : No abstract

Card : 1/1

MARKELOVA, V. P.

USSR/General and Special Zoology. Insects. Injurious In-
sects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49681

Author : Markelova V.P.

Inst :

Title : The Leaf-Rollers *Exapato Congolatella* Cl. and
Gaeocis Rosana L. as Pests of Berry Patches in
the Leningrad Oblast.

Orig Pub : Entomol. obozreniye, 1957, 36, No 2, 355-369

Abstract : The development phases of *Exapato congelatella* Cl.,
the biology and the damage caused by both species
of the leaf-roller moth are described. Spraying
of berry patches before the opening of the buds
with DDT (1%) emulsions, with the technical pre-
paration No 47 (3%) or solar oil (6%) with the
addition of 0.25% botanaphtol is recommended
against the hibernated eggs of the leaf-roller

Card : 1/2

OSMOLOVSKIY, G. Ye. (Pushkin, Leningradskoy obl.); MARKELOVA, V. P.
(Pushkin, Leningradskoy obl.)

Mechanized student brigade. Zashch. rast. ot vred. i bol. 6
no.6:8-9 Je '61. (MIRA 16:4)

(Plants, Protection of)

VESELOVSKIY, I.A.; BELOSEL'SKAYA, Z.G.; MARKELOVA, V.P.; LEBEDEV, V.A.,
red.; TIKHONOVA, I.M., tekhn. red.

[Calendar for the collective and state farm fruit and vegetable
grower] Kalendar kolkhoznogo i sovkhonogo sadovoda i ovozheveda.
Leningrad, Lenizdat, 1962. 31 p. (MIRA 15:5)
(Fruit culture) (Vegetable gardening)

PEREL'MAN, M.I.; MARKELOVA, V.V.

Diagnosis of invagination of the jejunum through a gastroenterostoma-
stomosis into the stomach. Sov.med. 21 Supplement:22 '57.
(MIRA 11:2)

1. Iz khirurgicheskogo otdeleniya Bol'nichnogo gorodka g. Shcherbakova.
(INTESTINES--INTUSSUSCEPTION)
(JEJENUM--SURGERY)

MARKELOVA, Ye.D. (Saratov)

Treatment of latent coronary insufficiency in hypertension with protective inhibition. Klin.med. 35 no.9:119-123 S '57. (MIRA 10:11)

1. Iz fakul'tetskoy terapevticheskoy kliniki (dir. - prof. L.A.Varshamov) Saratovskogo meditsinskogo instituta.

(HYPERTENSION, compl.

coronary insuff., sleep ther., ECG)

(SLEEP, ther. use

coronary insuff. with hypertension, ECG)

(CORONARY DISEASE, compl.

hypertension, ther., sleep ther., ECG)

(ELECTROCARDIOGRAPHY, in various dis.

coronary dis. with hypertension before & after sleep ther.)

DZHALAGONIYA, K., kand. biolog. nauk; LAPCHENKOV, G., starshiy prepodavatel';
MANUCHARYAN, M., aspirant; MARKELOVA, Ye., dotsent

From practices in the use of poisonous chemicals. Zashch. rast. ot vred.
i bol. 10 no.6;22-23 '65. (MIRA 18:7)

1. Vsesoyuznyy institut chaya i subtropicheskikh kul'tur (for Dzhelagoniya).
2. Kafedra zemledeliya i melioratsii Donskogo sel'skokhozyaystvennogo instituta (for Lapchenkov).
3. Armyskaya opyt'naya stantsiya po tabaku Vsesoyuznogo nauchno-issledovatel'skogo instituta tabaka i makhorki imeni A.I.Mikoyana (for Manucharyan).
4. Kafedra fiziologii i zashchity rasteniy Plodovovoshchnogo instituta imeni I.V.Michurina (for Markelova).

BUDUNOVA, V.A. (Saratov); SHOLPO, G.P. (Saratov); KURENEVA, V.I. (Saratov);
MARKELOVA, Ye.F. (Saratov)

Treatment of chronic dysentery in specialized institutions for
infants. Vop.okh.mat. 1 det. 4 no.2:62-63 Mr-Apr '59.
(MIRA 12:5)

(DYSENTERY) (CHILDREN--HOSPITALS)

MARKELOVA, Ye.I.

Basic types and some characteristics of Neocomian limestones in
the Kopet-Dag. Trudy VSEGEI 46:317-325 '61. (MIRA 14:11)
(Kopet-Dag--Limestone)

MARKILOVA, Ye.I

Upper Cretaceous and Paleogene sediments in a section of well
1 in the Karachop structure. Trudy VSEGEI 109:333-346 '63.
(MIRA 17:7)

Name : MARKELOVA, YE. M.
Dissertation : Leafrollers in Moldavian apple orchards
and their control
Degree : Cand Agri Sci
Defended At : Moscow Order of Lenin Agricultural
Academy imeni K. A. Timiryazev
Publication Date, Place : 1956, Moscow
Source : Knizhnaya Letopis' No 5, 1957

MARKELOVA, YELENA M.

BICHINA, Tamara Ivanovna; MARKELOVA, Yelena Mikhaylovna

[Fruit tree leaf rollers] Sadovye listoverzki. Moskva, 1957.
izd-vo sel'khoz. lit-ry, 1957. 77 p. (MIRA 10:11)
(Leaf rollers)

COUNTRY : USSR
 CATEGORY : GENERAL & SPEC. ZOOLOGY, INSECTS . Harmful Insects
 and Mites.
 ABS. JOUR.: Ref Zhur-Biologiya, No. 2 , 1959, No. 7069
 Author : Markelova, Ye.
 INST. : Not given
 TITLE : The European Frit-fly, a Pest of Corn

ORIG. PUB.: S. Kh. Bashkirin, 1957, No. 10, 37-39

ABSTRACT : When the corn grows rapidly the larvae of the European frit-fly are pressed upwards and driven out. The infestation of the 10-21-24 day old plants was 100-36-2%. The affected plants usually do not perish. The types of damage are described. The plants were affected when sown on 5, 15, 25 May, on 5 June when the flight of the first generation of the fly ceased and on 15 June (the flight of the second generation) at 13.6%.

CARD : 1/2

USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Chemical Methods in the Control of Harmful Insects and Acarids. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82960

Author : ~~Markelova, E. M.~~

Inst : Moscow Agricultural Academy in the Name of K. A. Timiryazov

Title : Biological Elements in the Struggle Against the Rose and Hawthorn Leafrollers in the Apple Orchards of the Moscow Province

Orig Pub : Dokl. Mosk. s.-kh. akad. im. K. A. Timiryazova, 1957, vyp. 27, 129-132

Abstract : The leafroller (L) caterpillars of both species are hatched in the budding phase of the apple trees. The young caterpillars tie together the stamens and pistils, and also the leaf edges, by a web, and take nourishment.

Card 1/3

USSR / General and Specialized Zoology. Insects. Harmful Insects
and Acarids. Chemical Methods in the Control of Harmful
Insects and Acarids.

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82960

inside. The caterpillars of the fourth and fifth generations of the rose L roll one or more leaves into cigarette-shaped tubes (less often they build porous "nests"), whereas the caterpillars of the hawthorn L fold the leaves in half along the central rib. Eighty percent of the 15-day-old rose L caterpillars were located in the lower part of the treetop (more to its interior side); the 38-day-old, in all parts equally. Seventy-five percent of the 38-day-old caterpillars of the hawthorn L were located in the exterior parts of the treetop, 43% of them in the middle part. The chemical struggle against the caterpillars is more effective in the period of their massive parturition (during the phase of bud burgeoning) with careful dusting of the entire

Card 2/3

MARKELOVA, Ye. M.

USSR/General and Special Zoology. Insects. Injurious In- P
sects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49647

Author : Markelova Ye.M.
Inst : Moscow Agricultural Academy imeni K.A. Timiryazov
Title : The Timetocora Ocellana F. and Its Control in
Fruit Gardens.

Orig Pub : Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazova,
1957, No 29, 175-179

Abstract : The Timetocora ocellana F. larvae destroy each
year 7-10% of the open apple buds in the Moscow
Oblast. 35% of the second and third generation
larvae winter under the dead bud scales, 30%
winter under the dried top of the fruit sac, and
24% of the larvae winter in the bark crevices.
The larvae mostly inhabit the exterior part of
the crown; they pupate (in cocoons) in bark
crevices, in the forks of branches and so forth.

Card : 1/2

MARKELOVA, Ye.M.

Hawthorn leaf roller (*Cacoecia crataegana* Hb.) as a fruit pest.
Ent. oboz. 38 no.4:750-756 '59 (MIRA 13:3)
(Moscow Province--Leaf rollers)
(Apple--Diseases and pests)

MARKELOVA, Ye.M., kand.sel'skokhoz.nauk

Cicadas of the genus *Edwardsiana* as apple pests. Zashch. rast.
ot vred. i bol. 6 no.3:47 Mr '61. (MIRA 15:6)
(Apple---Diseases and pests)
(Cicada)

MARKKOVA, Ye. M.

Cicadas of the genus *Edwardsiana* (Homoptera, Eupterygidae) as
apple pests in the U.S.S.R. Ent. oboz. 41 no. 4: 737-740 '62.
(MIRA 16:1)

1. Plodoovoshchnoy institut imeni I. V. Michurina, Michurinsk.

(Michurinsk District—*Edwardsiana*)

(Michurinsk District—Apple—Diseases and pests)

MARKELOVA, Ye.M.

Ecologic characteristics of the development of the rose leaf
roller *Cacoecia rosana* L. (Lepidoptera, Tortricidae) in the
gardens of the Moscow region. Ent. oboz. 42 no.4:730-735 '63.
(MIRA 17:8)

1. Kafedra zashchity rasteniy Flodoovskogo instituta imeni
I.V. Michurina, Michurinsk.

MARKELYCHEV, B.I.; MAL'TSEV, V.I.

Results of the application of the progressive wage system.
Stroi. truboprov. 10 no.9:29-30 S '65. (MIRA 1969)

1. Kombinat Tatneftestroy, Al'mot'yevsk.

CERVINSKAS, E., red. toma; BIELIUKAS, K., glav. red.; CHOMSKIS, V.,
red.; GUDELIS, V., red.; KAUSYLA, K., red.; MARKELYTE, S.,
red.; PETRULIS, J., red.

[Geographical yearbook] Geografinis metraštis. Vilnius, Lietuvos
TSR Geografinė draugija. No.4. 1961. 453 p. (MIRA 15:9)
(Lithuania—Geography—Yearbooks)

MARKENKIN, F. S.

Sewage Irrigation

Year-round utilization of existing sewage water for irrigation of farm cultivation.

Sov. agron. 10 no. 6. '52.

Monthly list of Russian Accessions, Library of Congress, August, 1952. Unclassified.

FUGZAN, M.D.; BARON, L.I.; MARKENZON, B.I.

Experimental study of shallow hammer drilling at the Kirov apatite
mine. Izv.Kar.i Kol.fil.AN SSSR no.5:130-139 '58.
(MIRA 12:9)

1. Institut khimii i tekhnologii redkikh elementov i mineral'nogo
syr'ya Kol'skogo filiala AN SSSR.
(Boring)

BARON, L.I.; FUGZAN, M.D.; MARKENZON, E.I.

Comparative analysis of factors in experimental rotary and
percussion drilling at the Kirov Apatite Mine. Izv.Kar.i
Kol'.fil.AN SSSR no.4:124-134 '59. (MIRA 13:5)

1. Institut geologii Kol'skogo filiala AN SSSR.
(Boring)

BARCH, L.I. (Moskva); MAKHNEV, L.I. (Moskva); PUGZAN, L.I. (Moskva)

Energy capacity of diamond drilling in rocks of various hardness.
Izv. AN SSSR. Otd. nauk. Tekh. i topl. no.1:175-180 Ja-P '61.
(LIIA 14:2)

(Rock drill.)

BARON, L.I., prof., doktor tekhn.nauk; FUGZAN, M.D., kand.tekhn.nauk;
MARKENZON, E.I., inzh.

Influence of the diameter of a bore hole on the formation of dust
in rocks of various strength. Bezop. truda v prom. 5 no.8:18-20
Ag '61. (MIRA 14:8)

1. Institut gornogo dela im. A.A. Skochinskogo (for Baron, Fugzan).
2. Kol'skiy filial im. S.M. Kirova AN SSSR (for Markenzon).
(Mine dusts)

BARON, L.I., prof., doktor tekhn.nauk; FUGZAN, M.D., kand.tekhn.nauk;
MARKENZON, E.I., gornyy inzh.; FEDYUKIN, A.D., gornyy tekhnik.

Blunting of bits in drilling with a perforator. Gor. zhur.
no.10:56-58 0 '61. (MIRA 15:2)

(Boring machinery)

BARON, L.I., prof., doktor tekhn.nauk; FUGZAN, M.D., kand.tekhn.nauk;
MARKENZON, E.I.

Study of dust formation during rock drilling. Bor'ba s sil. 5:
156-170 '62. (MIRA 16'5),

1. Institut gornogo dela imeni A.A.Skochinskogo (for Baron, Fugzan).
2. Kol'skiy filial AN SSSR imeni S.N.Kirova (for Markenzon).
(Boring) (Mine dusts)

BARON, Lazar' Israilevich, prof., doktor tekhn. nauk; FUGZAN, Mark Davidovich; MARKENZON, Eduard Iosifovich; KRASIKOV, V.M., red.izd-va; VINOGRADOVA, N.P., tekhn. red.

[Experience in the comprehensive study of the resistance of rocks to distruction by quarrying] Opyt kompleksnogo issledovaniia soprotivliaemosti gornyykh porod razrusheniiu pri dobyvanii. Moskva, Izd-vo AN SSSR, 1963. 223 p.

(MIRA 17:3)

MARKENZON, E.I.

Some regularities in the resistance to tension of bitumen-sand mixes. Izv. SO AN SSSR no. 10. Ser. tekhn. nauk no. 3: 93-96 '65 (MIRA 19:1)

1. Kol'skiy filial AN SSSR, Kirovsk. Submitted August 15, 1964.

MARKER, M.V.

~~MARKER, M.V.~~
Burning moist lignin. Gidroliz, i lesokhim. prom. 10 no.2:
23-24 '57. (MLRA 10:5)

1. Orgenergobum.
(Lignin) (Boilers)

MARKER, V. B., inzh.

Production of dextrans and adhesives. Trudy TSVIIEPP no. 3:122-155
'59. (MIRA 13:9)

(Dextrine) (Adhesives)

VEKSLER, Boris Aleksandrovich, kand.tekhn.nauk; MILYUTIN, Aleksey Arsen'ye-
vich, kand.tekhn.nauk; MARKER, Vanda Edmundovna, inzh.; SIDOROVA,
Yelena Konstantinovna, kand.tekhn.nauk; KRAVCHENKO, S.P., inzh.,
retsenzent; SOLNITSKEVA, N.V., inzh., spetsred.; PRITYKINA, L.A.,
red.; KISINA, Ye.I., tekhn.red.

[Control in industrial chemistry and accounting in potato starch
and sirup production] Tekhnokhimicheskii kontrol' i uchët karto-
felekrakhamlo-patochnogo proizvodstva. Moskva, Pishchepromizdat,
1960. 245 p. (MIRA 13:11)

(Starch industry)

(Production control)

MARKER, V.E.; MILYUTIN, A.A.; SINEL'NIKOV, I.D.; SHTYRKOVA, Ye.A.; MURASHEVA,
O.I., red.; KISINA, Ye.I., tekhn. red.

[Manufacturing starch products from potatoes] Proizvodstvo krakimalo-
produktov iz kartofelia. By V.E.Marker i dr. Moskva, Pishcheprom-
izdat, 1961. 147 p. (MIRA 14:11)
(Starch) (Potatoes)

MARKER, V.E.; ILYUSHINA, L.D.

Production of dextrin from rice starch. Trudy TSNIIRPP no. 6:
99-110 '63. (MIRA 16:12)

MARKERT, W.; PRZESMYCKI, F.

Experimental studies on infection with influenza virus in man. Polski tygod lek. 8 no.14:521-524 6 Apr 1953. (CML 24:5)

1. Lecture given at the Lodz Scientific Medical Society on 19 March, 1952. 2. Of the Third Internal Clinic (Head--Prof. W. Markert, M.D.) of Lodz Medical Academy and of the State Institute of Hygiene (Director --Prof. F. Przesmycki, M.D.), Warsaw.

MARKERT, Wacław

Late pregnancy toxemias. Polski tygod. lek. 11 no.38:
1620-1623 17 Sept 56.

1. (Z III Kliniki Chorob Wewnętrznych A.M. w Łodzi; kierownik;
prof. dr. Wacław Markert) Łódź, ul. Zielona 9 m. 1.
(PREGNANCY TOXEMIAS,
late (Pol))

POLAND

FRONTCHAK, Andrzej, Third Clinic of Internal Diseases (III Klinika Chorob Wewnetrznych), AM [Akademia Medyczna, Medical Academy] in Lodz (Director: Prof. Dr. med. Wacław MARKERT)

"Effect of the Type of Respiration and Irritating Air on the Vital Capacity of the Lungs."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 17, 22 Apr 63, pp 592-593.

Abstract: [Author's English summary modified] The author reports procedures and findings of a study which determined, in the first part that vital capacity of lungs in normal individuals varies with the method of determination, and in the second part that the presence of H₂S in the breathed air diminishes the vital capacity of the lungs for healthy persons. The eight (8) references comprise six (6) in Polish and two (2) in French.

1/1

MARKES, R.

Kinetics of the extraction of low-molecular substances from polycaprolactam. J. Rudolf Markes (Silon, Planá n./L., Czech.). *Chem. průmysl* 6, 497-500 (1956).—The kinetics of extrn. of caprolactam (I), and low-mol.-wt. oligomers of I from polycaprolactam fibers (II) of 8.3-150 μ in diam., contg. 10.1, and 11.2% I, with aq. solns. of 0-4% I at 40-100° was investigated. The exptl. estd. mean reduced concn. of I in II ($\bar{N}$) agrees well with the formula $\bar{N} = M \exp(-st)$, the latter being derived in analogy to the process of continuous transfer of heat with the presumption that the rate of extrn. is detd. by the diffusion of the soln. of I through II. The equil. concn. of I was independent of the diam. of II, and from exptl. results the diffusion coeff. was calcd. for temps. 40-100°.

J. Sebenda—

3
299 (1/3)
4e 20 yg

S/081/62/000/019/045/053
B101/B180

AUTHORS: Cech, Svatopluk, Markes, Rudolf

TITLE: Method of producing porous polyamide, particularly poly-capronamide

PERIODICAL: Referativnyy zhurnal, Khimiya. no. 19, 1962, 555, abstract 19P350 (Czech. patent 98683, February 15, 1961)

TEXT: Polyamide in the form of fibers or crumbs is filled into an open mold. The mold is placed into a closed vessel and treated under pressure with water vapor at $150-180^{\circ}\text{C}$ for 10-15 min. A porous substance with a volume weight of $\sim 0.05 \text{ g/cm}^3$ is obtained. [Abstracter's note: Complete translation.] ✓

Card 1/1

MARKESHIN, S.

Front runners' activities give real pleasure. Sov.profsoiuzy
7 no.15:20 Ag '59. (MIRA 12:12)

1. Sekretar' Moskovskogo oblastnogo soveta profsoyuzov.
(Moscow Province--Socialist competition)

MARKESHIN, S.

Builders of communism should have excellent working conditions.
Okhr.truda i sots.strakh. 4 no.11:7 N '61. (MIRA 14:12)

1. Sekretar' Moskovskogo oblastnogo soveta profsoyuzov.
(Moscow Province--Industrial hygiene)

MARKETOV, M.

FEDOTOV, V. & MARKETOV, M.

Conserving the quality of fuel~~s~~ and lubricants. No 10.

Tankist, No 12, 1948.

MARKETOV, M.

KLIMOV, K., inzh.-polkovnik; MARKETOV, M., inzh.-podpolkovnik.

New transmission oil. Tankist no.1:43-44 Ja '58.
(lubrication and lubricants)

(MIRA 11:3)

MARKETOV M.

KOLJESNIKOV, A., inzh.-podpolkovnik; MARKETOV, M., inzh.-podpolkovnik.

Synthetic solidol. Tankist no.2:55-56 P '58.

(MIRA 11:3)

(Lubrication and lubricants)

MARKETOV, M., inzh.-podpolkovnik.

**"Diesel fuels" by K.K. Papok. Reviewed by M. Marketov. Tankist no.4:
61-62 Ap '58.**

(MIRA 11:5)

(Diesel fuels)

(Papok, K.K.)

SOV/175-58-6-30/41

AUTHORS: Vershkov, E., Engineer-Colonel, and Marketov, M.,
Engineer Lieutenant-Colonel

TITLE: The Purification of Oil

PERIODICAL: Tankist, 1958, Nr 6, pp 45-47 (USSR)

ABSTRACT: The authors state that lubricating oils used in internal combustion engines lose their original qualities during the working process. These changes are caused by an accumulation of impurities and also by the influence of high temperatures. The sediments in the motor oil are composed of oil - 80-85 %, water - 5-10 %, fuel - 3-5 %, ashes - 3-4% and products of oxidation of oil and fuel. Admixtures of a mechanical nature are most dangerous for the machine working parts. They might disturb the normal operation of the engine by accelerating wear of working parts. The lubricating system of the B-2 type engines includes filters of a rough-clean

Card 1/3

SCV/175-58-6-30/41

The Purification of Oil

and fine-clean types. The first is able to stop mechanical particles of 75 microns, the others - of 60 microns. The oil cleaning may also be done by centrifuging. Centrifugal separators may have either hydraulic or mechanical drive. The first, mounted on a type DT-54 tractor, are used for cleaning oil in tractor engines. The second - for oil cleaning in vessels and stationary Diesel engines. Centrifugation is applied for the periodic cleaning of lubricating oil of tank engines. For this purpose, an NSM-2 type vertical centrifugal separator of uninterrupted drive is used. The arrangement of the separator is shown in the diagram (Figure 1). Prior to the cleaning operation, the oil must be heated to a temperature of 80 to 85°C. This is necessary to reduce its viscosity. The main parts of the separator (Figure 1) are centrifuge, electric motor, electric heater, two-stage pump, friction

Card 2/3

SOV/175-58-6-30/41

The Purification of Oil

coupling and base. Officers Pavlov and Borisov have produced a mobile oil cleaning unit shown in a drawing (Figure 2). It is in the form of a two-axle car. The entire oil separating equipment is mounted on the car. It includes a type "PN-28.5" d.c. electric motor of 2.2 kw capacity. Operation of the assembly is directed from a control panel shown on a drawing (Figure 3). Switches, a control bulb and a starter are mounted on the panel. There are 2 photographs and 1 sectional diagram.

Card 3/3

MARKETOV, M., inzh.-podpolkovnik

Synthetic materials. Tankist no.7:50-54 J1 '58. (MIRA 11:10)
(Synthetic products)

MARKETOV, M., inzh.

Review "Materials used in operating automobiles and tires" by S.M.
Shwarts, P.P.Leman. Reviewed by M.Marketov. Avt.transp. 38 no.6:
61-62 Je '60. (MIRA 14:4)
(Automobiles) (Shwarts, S.M.) (Leman, P.P.)

MARKETOV, M., inzh.-podpolkovnik

Poison strikes the careless. Starsh.-serzh. no.4(7):32-33 Ap
'61. (MIRA 14:7)
(Industrial toxicology)

ACC NR: AP6017080 (A, N) SOURCE CODE: UR/0317/66/000/001/0065/0065

AUTHOR: Markotov, M.

ORG: None

TITLE: New specifications for lubricants"

SOURCE: Tekhnika i vooruzheniye, no. 1, 1966, 65

TOPIC TAGS: solid lubricant, lubricant property, lubricant viscosity & ~~GOST-4366-50 "S"~~
~~lubricant, GOST-4366-50 "US", "USs" lubricant~~

ABSTRACT: A brief review of new GOST-4366-64 Specifications for pressure and ordinary lubricants of "S" type is presented. The new synthetic lubricants of an improved consistency are put in use as substitutes for old "US" and "USs" trademark of GOST-4366-50 Specifications. It is stressed that they have a higher ultimate strength and a lower viscosity. The ultimate strength at 50°C is at least 1 g/sq cm for pressure lubricants and 2 g/sq cm for the ordinary type. The viscosity at zero degree is less than 1000 poises for pressure lubricants and does not exceed 2000 poises for the ordinary ones. The contents of alkali is less than 0.2% and of water lower than 2.5%. The contents of impurities does not exceed 0.3%. The new lubricants have good anticorrosive properties and are free of acids.

SUB CODE: 11/ SUBM DATE: None

Card 1/1 ULR

MARKETOV, M.M.

"Use of motor fuels at low temperatures". Reviewed by M.M.
Marketov. Khim.i tekhn.topl.i masel 6 no.8:70 Ag '61.
(MIRA 14:8)

(Motor fuels)

MARKETOV, M., inzhener-podpolkovnik

If the brand of oil is unknown. Starsh.-serezh. no.12:30
D '61. (MIRA 15:3)
(Lubrication and lubricants--Testing) (Viscosimeter)

MARKEVA, YE. A.

USSR/Human and Animal Physiology - Nervous System.

V-12

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4440

Author : Ye. A. Markeva

Inst : -

Title : Influence of Narcosis on Respiration and Cerebral Bioelectric Activity at Acute Stages of Asphyxiation and Restoration of Organic Functions.

Orig Pub : Patol. fiziologiya i eksperim. terapiya, 1957, 1, No 1, 19-25

Abstract : Deep ether narcosis was found to inhibit the compensatory excitatory phase of breathing (B); in cases of acute asphyxiation changes occur in breathing at three stages: slowing down of the rhythm, prolonged interruption, and terminal inhalation. Acute asphyxiation induced by strong ether narcosis, revealed delayed frequency, and reduced amplitude of slow waves on EEG. Cortical biocurrents disappeared at an earlier stage of asphyxiation

Card 1/2

A L 4532-66 EWT(1)/EWA(3)/EWA(b)-2 JK
ACCESSION NR: AP5023706 CZ/0077/65/000/009/0385/0388

AUTHOR: Markevic, A. P.⁴ (Academician)(Kiev) 25

TITLE: Principles and methods involved in the investigation of parasitological situations in connection with the organization of the complex struggle against parasitoses

SOURCE: Veterinarstvi, no. 9, 1965, 385-388

TOPIC TAGS: parasite, animal parasite, parasitology, health

ABSTRACT: The author notes that the first step in organizing the struggle against parasitic disease is a concrete plan for protecting the health of both man and domestic animals, as well as the destruction of parasites in the surrounding environment. This plan must be concerned not only with the eradication of disease, but with the removal of natural and social conditions which encourage the development of parasites. Systematic sanitary, zoohygienic, zootechnical, and agrotechnical measures which would create resistance, both specific and non-specific, in man and animals, must be included as an integral part of agricultural technology as a whole. Mass parasitic invasions can be reduced considerably by the development of proper zoohygienic conditions, feeding

Card 1/2

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ACCESSION NR: AP5023706

regimen, use of antibiotics, foods with antiparasitic effects, etc. Simple isolation of the young from infected carriers can help produce a healthy, highly productive population. The proper handling of water troughs, manure storage, pastures, human dwellings, and building of barns which are not accessible to flies and rodents are all an essential part of the program. Sucking parasites must be destroyed by mass prophylactic action. Farm dogs must be kept healthy, and wandering dogs and cats destroyed. There must be thorough disposal of manure, fecal matter, organic debris and cadavers. These goals can only be achieved when there is maximum cooperation between scientists and practical workers.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, 15

NO REF SOV: 005

OTHER: 0.1

PC
Card 2/2

MARKEVICH, A. A.

Markevich, A. A. "Comparative evaluation of the methods of treating epidemiologic cerebro-spinal meningitis," Sbornik nauch. trudov (Irkut. in-t epidemiologii i mikrobiologii), Issue 4, 1948, p. 222-32

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statel', No. 3, 1949)

KOLCHIN, Nikolay Ioasafovich, zasl. deyatel' nauki i tekhniki RSFSR, doktor tekhnicheskikh nauk, prof.; MARKEVICH, A.A., kand. tekhn. nauk, retsenzent; LEBEDEV, P.A., kand. tekhn. nauk, retsenzent; GARBARUK, V.N., kand. tekhn. nauk, red.; VASIL'YEVA, V.P., red. izd-va; ONISHCHENKO, R.N., red. izd-va; POL'SKAYA, R.G., tekhn. red.

[Mechanical engineering] Mekhanika mashin. Moskva, Mashgis. Vol.1. [Structure and kinematics of mechanisms. Geometrical and kinematic analysis and synthesis of mechanisms] Struktura i kinematika mekhanizmov, geometricheskii i kinematicheskii analiz i sintez mekhanizmov. Izd.2., perer. 1962. 549 p. (MIRA 15:3)

(Mechanical engineering) (Mechanical movements)
(Gearing)

LEBEDEV, P.A.; MARKEVICH, A.A.

Determining inertia moments of coiled springs. Izv.vys.ucheb.
sav.; tekhn.tekst.prom. no.2:134-137 '59. (MIRA 12:6)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Textile machinery--Testing)
(Moments of inertia)

MARKEVICH, A.A.; SAMARSKIY, G.A.

Studying the mechanism of the traverse of the PN-275-I spinning machine. *Izv.vys.ucheb.zav.; tekhn.tekst.prom.* no.1:151-157 '62. (MIRA 15:3)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Spinning machinery)

MARKEVICH, A.A.

Plotting of force plans conjugated by weight forces. Trudy LTITSBP
no.14:229-234 '64. (MIRA 18:5)

FEOKTISTOV, G.I.; MARKEVICH, A.A.

Clinical characteristics of typhoid fever based on materials
from Irkutsk City Infectious Diseases Hospital. Trudy Irk.
NIIEH no. 7:289-299 '62 (MIRA 19:1)

1. Iz Irkutskogo meditsinskogo instituta.